

VOM MEERESBODEN ZUR ATMOSPHÄRE

MOLS

My Data - My Publication – My Rights?

Barbara Schmidt und Hela Mehrrens
GEOMAR Helmholtz-Zentrum für Ozeanforschung Kiel



Data

- My data? Data life cycle and data services
- Publication of data: What? Where? Why? How? When?
- Publication of software
- Data management contact persons

Publications

- Preparation of an article
- Publication of your article: Where? How?
- Open Access
- Library services and contact persons

- DFG: Gute wissenschaftliche Praxis (10 years)
- EU: Data pilot, Data management plans
- Helmholtz: data guidelines mandatory, in place at AWI, in progress at GEOMAR
- GEOMAR: rules in your working contract

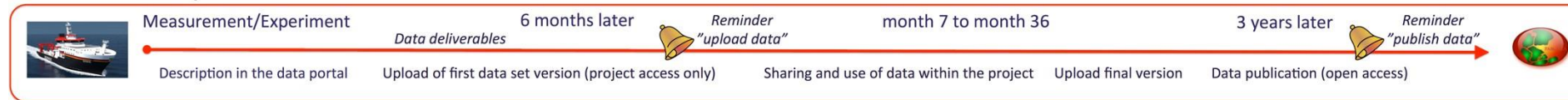
§ 5 Employee Inventions / Copyrights and Other Protective Rights

(2) The employer shall be reserved the sole, regional, and objective rights of use and exploitation of the work unlimited in time subject to copyrights or other protective rights...

(3) For scientific publications the employee shall be authorized to decide on the kind of initial publication.

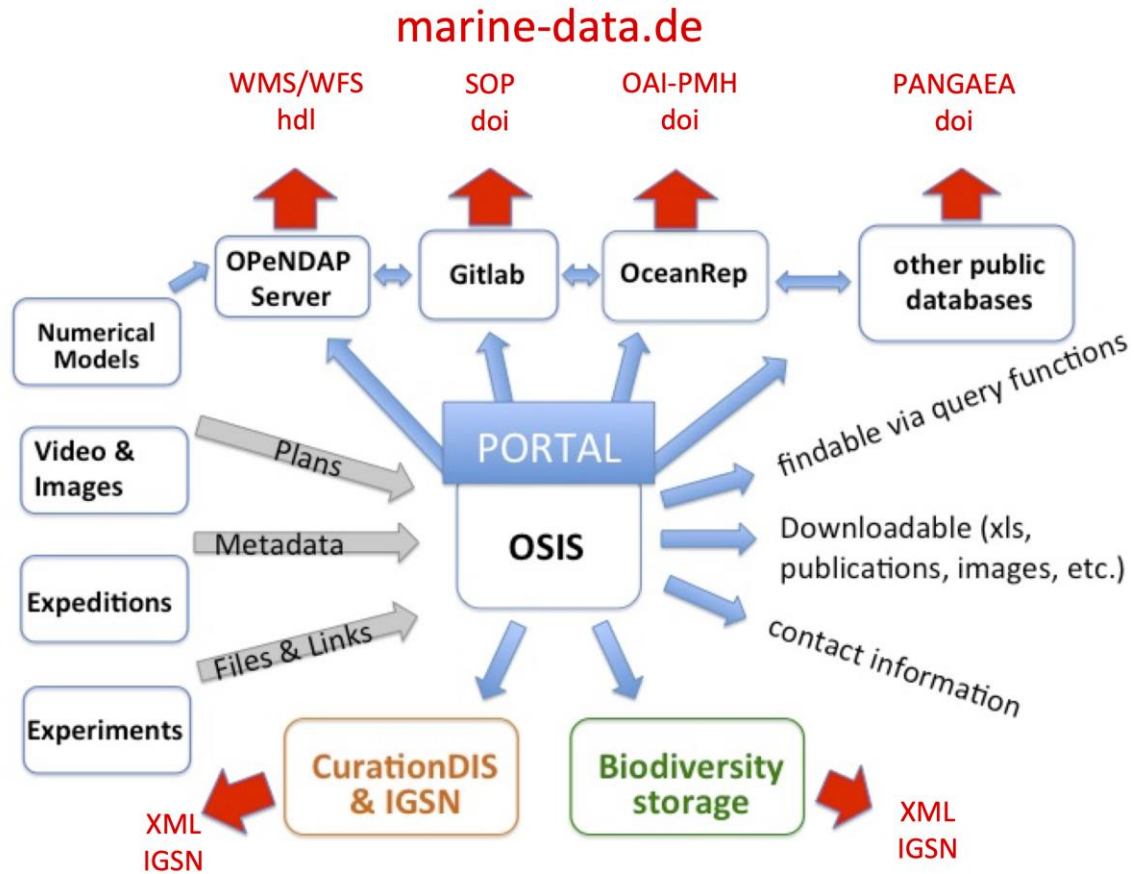
- your department: examples of best practise

Data curation process



- Data Management Plan

- Measurement /(Model) Experiment
- Description (Metadata)
- Analysis
- Sharing
- Publication



How to exchange data in a project/ working group?

- **PORTAL:** (<https://portal.geomar.de>)
- **OSIS:** Ocean Science Information System (<https://portal.geomar.de/osis>)
- **Subversion / Git:** Versioning systems
- **FILE SYSTEMS** in working groups
- **GEOMAR cloud**

WHAT:

- Raw data
 - Gear/sensor information
 - Time/Latitude/Longitude
- QC data
 - Parameter and units
 - Method description
 - Quality flags
- Data products
 - Cite data publications used
 - Don't duplicate data
 - Method description

Publication of data: Where, why and how?

WHERE:

- Data centres: PANGAEA, GenBank, WDCC...
- Other repositories: zenodo, dryad, ...
- NOT recommended: supplementary material on the publisher's website

WHY:

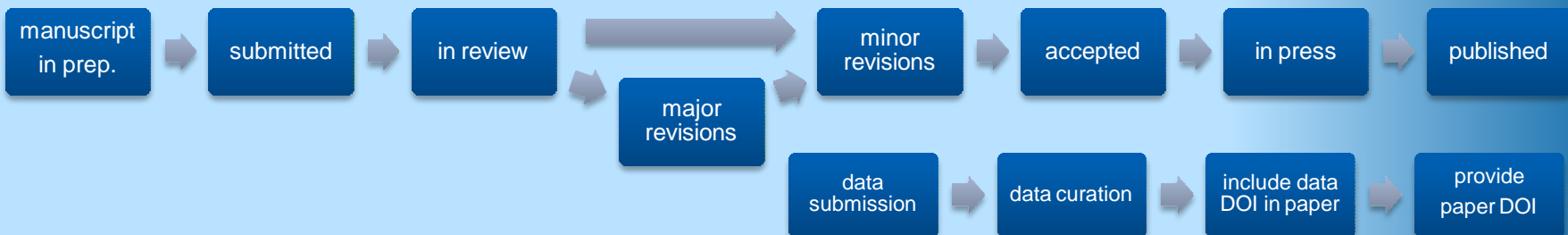
- The publisher ask for it
- The funder ask for it
- Your impact is more visible

HOW:

- Tutorials on portal.geomar.de

Paper Publication Workflow: Timeline for data submission

- Contact the DM while preparing the manuscript
- Prepare the data submission carefully and answer questions of the curator
- Include a specific link to the data (doi) into the manuscript, **don't** use a general URL like www.pangaea.de or data.geomar.de
- Please provide the doi of the paper when published



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Simultaneous recording of filtration and respiration in marine organisms in response to short-term environmental variability.

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Vajedsamiei, Jahangir , Melzner, Frank , Raatz, Michael , Kiko, Rainer , Khosravi, Maral  and Pansch, Christian  (2021) *Simultaneous recording of filtration and respiration in marine organisms in response to short-term environmental variability.*  *Limnology and Oceanography: Methods*, 19 (3). pp. 196-209. DOI [10.1002/lom3.10414](https://doi.org/10.1002/lom3.10414).



Text

lom3.10414.pdf - Published Version

Available under License Creative Commons: Attribution 4.0.

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Official URL: <http://dx.doi.org/10.1002/lom3.10414>

Supplementary data:

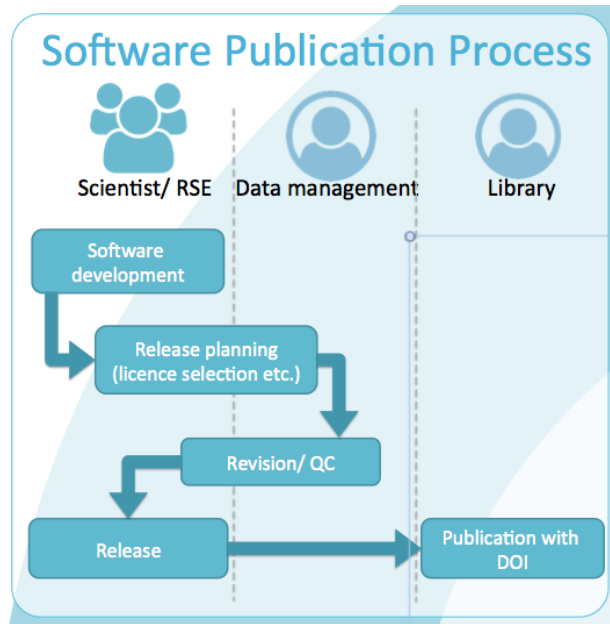
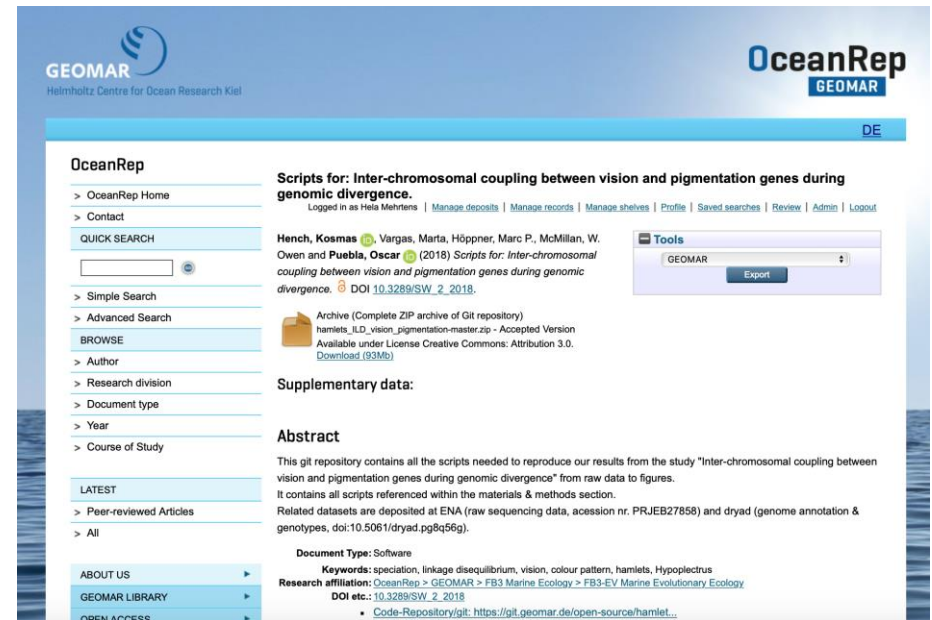


Abstract

Tools

GEOMAR

Export

OceanRep
Helmholtz Centre for Ocean Research Kiel

Scripts for: Inter-chromosomal coupling between vision and pigmentation genes during genomic divergence.
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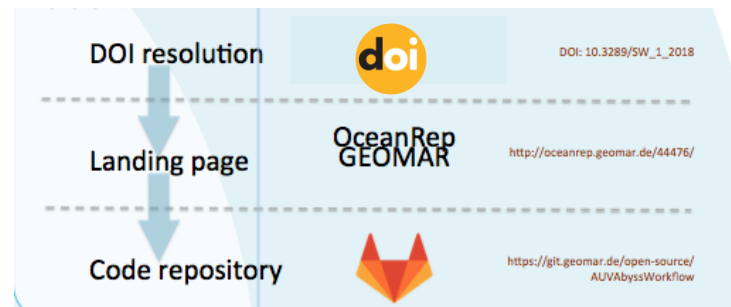
Hench, Kosmas, Vargas, Marta, Höppner, Marc P., McMillan, W. Owen and Puebla, Oscar (2018) *Scripts for: Inter-chromosomal coupling between vision and pigmentation genes during genomic divergence.* DOI 10.3289/SW_2_2018.

Archive (Complete ZIP archive of Git repository)
hamlets_ILD_vision_pigmentation-master.zip - Accepted Version
Available under License Creative Commons: Attribution 3.0.
[Download \(93Mb\)](#)

Supplementary data:

Abstract
This git repository contains all the scripts needed to reproduce our results from the study "Inter-chromosomal coupling between vision and pigmentation genes during genomic divergence" from raw data to figures. It contains all scripts referenced within the materials & methods section. Related datasets are deposited at ENA (raw sequencing data, accession nr. PRJEB27858) and dryad (genome annotation & genotypes, doi:10.5061/dryad.pg8q56g).

Document Type: Software
Keywords: speciation, linkage disequilibrium, vision, colour pattern, hamlets, Hypoplectrus
Research affiliation: OceanRep > GEOMAR > FB3 Marine Ecology > FB3-EV Marine Evolutionary Ecology
DOI etc.: 10.3289/SW_2_2018
• Code-Repository/git: <https://git.geomar.de/open-source/hamlet...>



Digital Research Services @GEOMAR

Contact

Digital Research Services

Dr. Andreas Lehmann (Tel 0431 600 1566)

Research Data Infrastructures

Dr. Carsten Schirnick (Tel 0431 600 2294)

Research Data Management

Dr. Hela Mehrrens (Tel 0431 600 4025)

High Performance Computing

Dr. Andreas Lehmann (Tel 0431 600 1566)

Metadata HMC

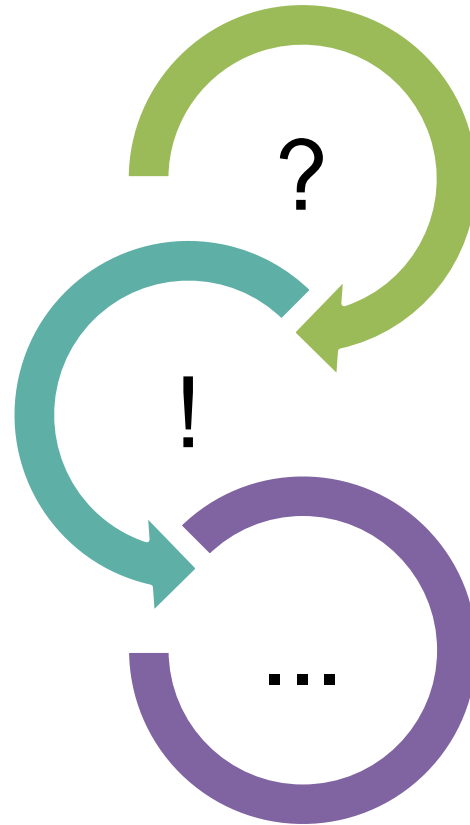
Dr. Emanuel Söding (Tel 0431 600 4256)

- GEOMAR data policy
- data templates for research units

GEOMAR FE-Datenverantwortliche

Forschungseinheit	FE-Datenverantwortliche
FB1-ME: Maritime Meteorologie	Dr. Thomas Martin
FB1-P-OZ: Paläo-Ozeanographie	Dr. Christopher Siebert
FB1-PO: Physikalische Ozeanographie	Dr. Gerd Krahnemann
FB1-OD: Ozeandynamik	Dr. Markus Scheinert
FB2-BM: Biogeochemische Modellierung	Dr. Iris Kriest
FB2-BI: Biologische Ozeanographie	Dr. Michael Meyerhöfer
FB2-CH: Chemische Ozeanographie	Dr. Toste Tanhua
FB2-MG: Marine Geosysteme	Prof. Dr. Jens Greinert
FB3-EV: Marine Evolutionsökologie	Dr. Till Bayer
FB3-EOE-B: Experimentelle Ökologie - Benthosökologie	PD Dr. Frank Melzner
FB3-MN: Marine Naturstoffchemie	Dr. Martina Blümel
FB3-MS: Marine Symbiosen	Dr. Beate Slaby
FB3-OEB: Ökosystembiologie des Ozeans	Dr. Birte Matthiessen
FB4-GDY: Marine Geodynamik	Dr. Cord Papenberg
FB4-MUHS: Magmatische und hydrothermale Systeme	Dr. Nico Augustin

Questions so far?



ORCID:

- What is ORCID?
- Your advantages
- Register now: <https://orcid.org/>



Where and how do I publish?

- „Traditional“ Journals (commercial) (pay for journal to have access)
- Hybrid (= open access article in a traditional journal, additional payment for OA)
- Open Access Journals (author pays for publication of the article – everybody has access)
- „Second publication right“ (Green open access) (e.g. final draft, in repository – no costs)

What is the difference...?

Traditional (Commercial)

- ☹️ Copyright goes to publisher
- 😊 Mostly author only pays for coloured fig.(depends on publisher)
- ☹️ publishing in a traditional journal takes sometimes years
- ☹️ Doesn't meet requirements from funder
- ☹️ Less citations because limited access

Hybrid

- ☹️ Double payment: Author pays for OA-option (~3000-5000 (!) Euro per article) and people pay for journal publishing in a traditional journal takes sometimes years
- ☹️ Some funder don't accept Hybrid publications
- 😊 Free access to results of publicly funded research
- 😊 Greater visibility and citation frequency (Evaluation!)

OA

- 😊 Author keeps copyright
- ☹️ Author pays for publication (~1500 Euro per article)
- 😊 Free access to results of publicly funded research
- 😊 Greater visibility and citation frequency (Evaluation!)
- 😊 The author can decide which license
- 😊 Article is made public very quickly
- 😊 Good findability via search engines and reference services
- 😊 Open peer-review process
- 😊 Open discussion: the work is immediately published so nobody else can steal your results
- 😊 Meets requirement from funder
- 😊 Often funder refund APCs

Second publ.

- 😊 OA immediately or after embargo
- ☹️ => not easy to find out on publishers websites
- 😊 Author pays nothing
- 😊 Meets requirements from funder
- ☹️ Not final publishers version – missing volume and pagenumbers in pdf

Be careful where you publish...

Predatory publishers abuse the open access author-pays model for their own profit.

Are you submitting your research to a trusted journal?
Is it the right journal for your work?

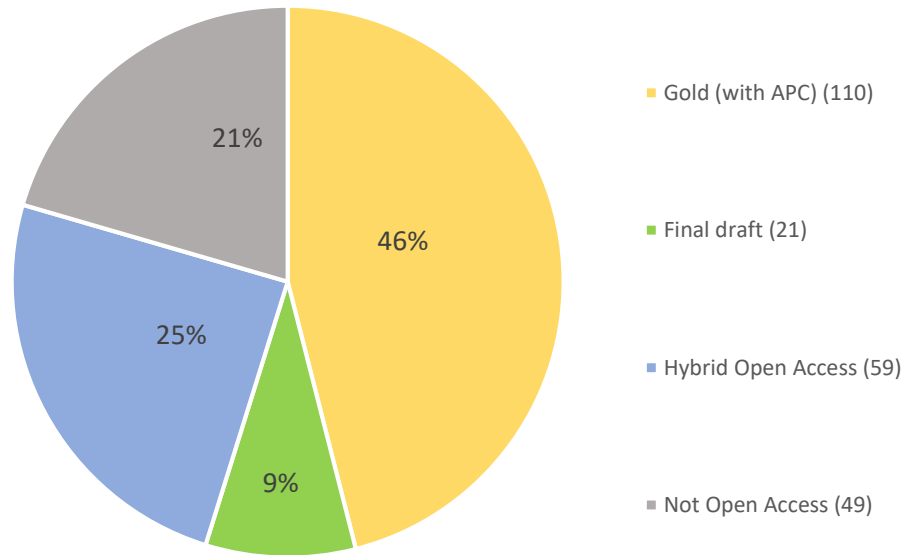


On the GEOMAR Library Website: „[Author Services](#)“ you'll be able to find out more about it...

Or simply:

Contact us (bibliotheksleitung@geomar.de) in case you have any questions!

Open Access am GEOMAR 2020



- GEOMAR doesn't provide funding for Open access publications.
- HGF Consortia - Discounts from several publishers:
 - Biomed Central: 20%
 - Copernicus: reduced page charges
 - Frontiers: 15%
 - Geological Society of London: 25%
 - MDPI: 15%
- The University of Kiel offers to cover up to 2000 Euro for OA publications:
find out more about it here:
https://www.ub.uni-kiel.de/en/open-access-publishing/open-access?set_language=en

Wiley, Springer, Springer Nature Journals - DEAL - Publish and Read

- Reading access for the entire e-journal portfolio including the back files until to 1997
- Eligibility for authors of participating insitutions for [hybrid open access publishing](#) ("OpenChoice")
- 20% discount on Article Processing Charges (APCs) in genuine Open Access journals (excluding Nature Communications and Scientific Reports)

Procedure: most important tipps:

- When submitting choose "GEOMAR" (do not type it but search in the list of affiliations -> drop down menuel)
- Choose "CC-BY" - not another license!

Please contact your library if you want to publish in a Wiley or Springer Journal for more information about the procedure!

Different funder have different requirements:

- EU
=> open access **mandatory**
 - BMBF
=> „**should be** published on an open-access basis“
 - DFG
=> „**should be** published on an open-access basis“
 - Others?
- Most of the funder refund the APCs for open access – ask your contact person!
- Or look it up: Research Funders' Open Access Policies: <http://v2.sherpa.ac.uk/juliet/>

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OceanRep supports [OAI 2.0](#) with a base URL of <http://oceanrep.geomar.de/cgi/oai2>

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678Kb

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eprints

Help with best practices for:

- General copyright issues
- Fair use
- Author rights and responsibilities (see: [GEOMAR guidelines for scientific publications](#))
- Publishing issues/interactions with publishers
- Open Access publishing options
- Compliance with government or funder OA mandates

Who is who in the GEOMAR Library

- Barbara Schmidt: Westshore: OceanRep, Copyright, Open Access...
- Heidi Düpow: Eastshore: OceanRep, Copyright, Open Access...
- Martin Lembke: Loan, Interlibrary loan,...

Questions?

IMΦ
Thank you
for your attention!
for your attention!

Questions?

